

SHLESINGER, ARKWRIGHT & GARVEY LLP

PATENT, TRADEMARK & COPYRIGHT LAW

ESTABLISHED 1950

OF COUNSEL B. EDWARD SHLESINGER, JR. GEORGE A. ARKWRIGHT GEORGE A. GARVEY DONALD C. KOLASCH

JAMES E. SHLESINGER JOSEFINO P. DE LEON MICHAEL M. ZADROZNY* TERRENCE L.B. BROWN* DANIEL T. EARLE

BRIAN J. MARTON REG. PATENT AGENT

*Admitted to a bar other than Virginia

Honorable Commissioner of Patents

3000 South Eads STREET ARLINGTON, VIRGINIA 22202 TELEPHONE: (703) 684-5600

Fax: (703) 836-5288

Fax: (703) 836-5698

OUR REF. No. 7112

January 22, 2001

Other



and Trademarks Washington, D.C. 20231 Dear Sir: Enclosed please find a utility patent application for filing as identified below: ALEX DOLGONOS and DEMING ZHANG Inventor(s): W OFDM MULTIPLE UPSTREAM RECEIVER NETWORK Title: Eight (8) sheets depicting Figures 1, 2, 3, 4, 5, 6, 7, 8 and 9.

Small Entity (Verified Statement Attached) Basic Fee ------ \$710.00 12 Claims over 20 x \$9.00----\$108.00 ___ Claims over 20 x \$18.00--- \$ Independent claims over <u>1</u> Independent claims over 3 x \$80.00 ----- \$ 3 x \$40.00 -----\$ 40.00 ____ Mul. Dept. Claims \$135.00--\$ ___ Mul. Dept. Claims \$270.00- \$ X Assignment Recordation Fee \$ 40.00 TOTAL FILING FEE TOTAL FILING FEE \$543.00

- \underline{X} A check in the amount of $\underline{\$543.00}$ is attached to cover the filing fee. this amount should be insufficient, then please debit Deposit Account No. 19-2105 and notify the undersigned in due course. __ Do not charge any fees to Deposit Account No. 19-2105.
 - $_$ This application is being filed under Rule 53(b).

 lm_{\Box} 1

> Ţ, Į. Ø

> 1

Respectfully submitted,

SHLESINGER, ARKWRIGHT & GARVEY LLP

Josefino P. de Leon

Reg. No. 33,166

- 2 -